User’s Manual

SMH10 Manager

V1.3

2012-04-02

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Notice to Users

Proper back-up systems and necessary safety devices should be utilized to protect against injury, death or property damage due to system failure. Such protection is the responsibility of the user.

This device is not approved for use as a life-support or medical system.

Any changes or modifications made to this device without the explicit approval or consent of Sena Technologies will void Sena Technologies of any liability or responsibility of injury or loss caused by any malfunction.

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1. Software Installation

Please note that all software installation should be running with **administrator** privilege of your computer.

1.1. Windows XP

Step 1. Power off the SMH10.

Note:
Do not connect the SMH10 to your computer until software installation is completed.

Step 2. Run the setup program, *smh10manager-v1.0-setup.exe*, and then SMH10 Manager setup window will be started as follows.

SMH10 Manager 1.0 Setup
Welcome to the SMH10 Manager 1.0 Setup Wizard
This wizard will guide you through the installation of SMH10 Manager 1.0.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

Figure 1-1 Welcome Message

Step 3. Click “Next” button and then specify the destination location of program.

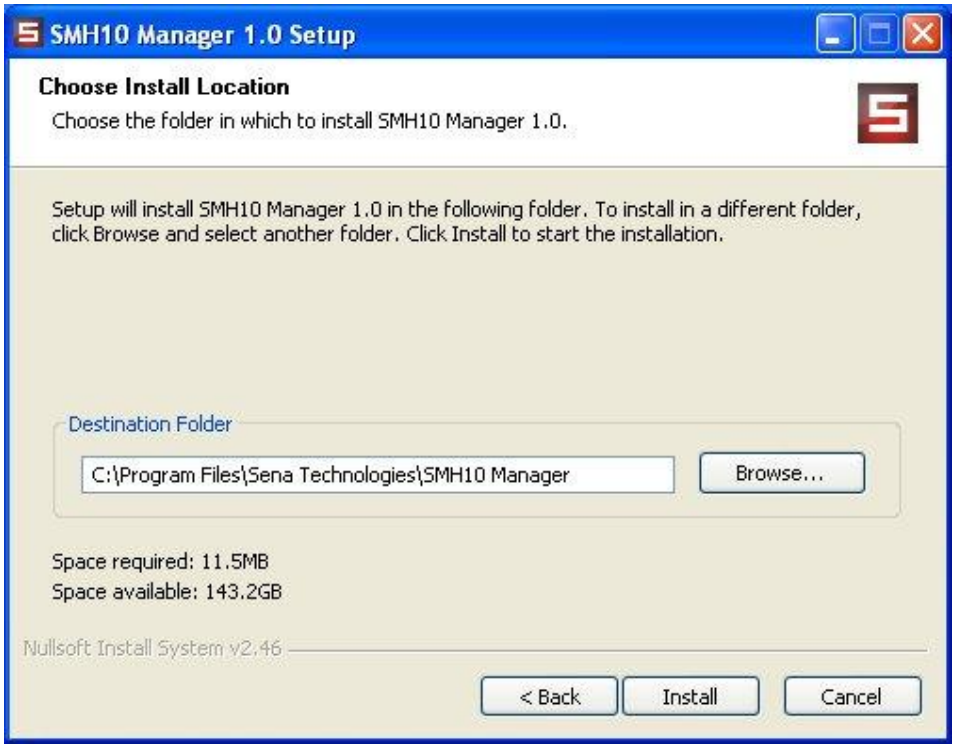
SMH10 Manager 1.0 Setup
Choose Install Location
Choose the folder in which to install SMH10 Manager 1.0.
Setup will install SMH10 Manager 1.0 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\Sena Technologies\SMH10 Manager
Browse...
Space required: 11.5MB
Space available: 143.2GB
Nullsoft Install System v2.46
< Back
Install
Cancel

Figure 1-2 Choose the destination location of program

Step 4. Click “Install” button after choosing destination location of the program and then installation will be started.

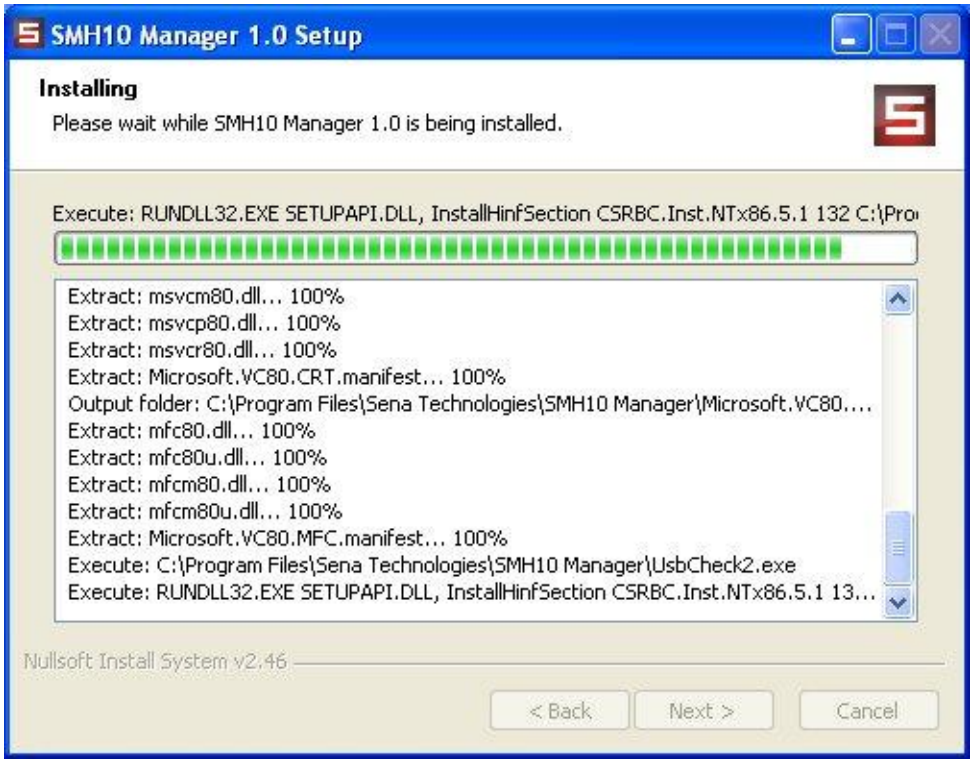

Figure 1-3 Program Installation

This process may take a few minutes according to the performance of your computer. Please wait until final completing message is displayed.

SMH10 Manager 1.0 Setup
Completing the SMH10 Manager 1.0 Setup Wizard
SMH10 Manager 1.0 has been installed on your computer.
Click Finish to close this wizard.
Run SMH10 Manager 1.0
< Back
Finish
Cancel

Figure 1-4 Complete message

Step 5. Click “Finish” button to complete the installation, then SMH10 Manager will be started automatically.

Please refer to Chapter 2 to learn how to use SMH10 manager.

1.2. Windows 7

Step 1. Power off the SMH10.

Note:

Do not connect the SMH10 to your computer.

Step 2. Run the setup program, *smh10manager-v1.0-setup.exe*, then SMH10 Manager Setup window will be started as follows. In case that you have 64-bit OS, please run different set-up program, *smh10manager-V1.0-setup_x64.exe*.

Note:

A warning message on *User Account Control* windows may be popped up. Please select “Allow” or select “Yes” button to proceed to the installation of SMH10 Manager.

SMH10 Manager 1.0 Setup
Welcome to the SMH10 Manager 1.0 Setup Wizard
This wizard will guide you through the installation of SMH10 Manager 1.0.
It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.
Click Next to continue.
Next >
Cancel

Figure 1-5 Welcome Message

Step 3. Click “Next” button and then specify the destination location of program.

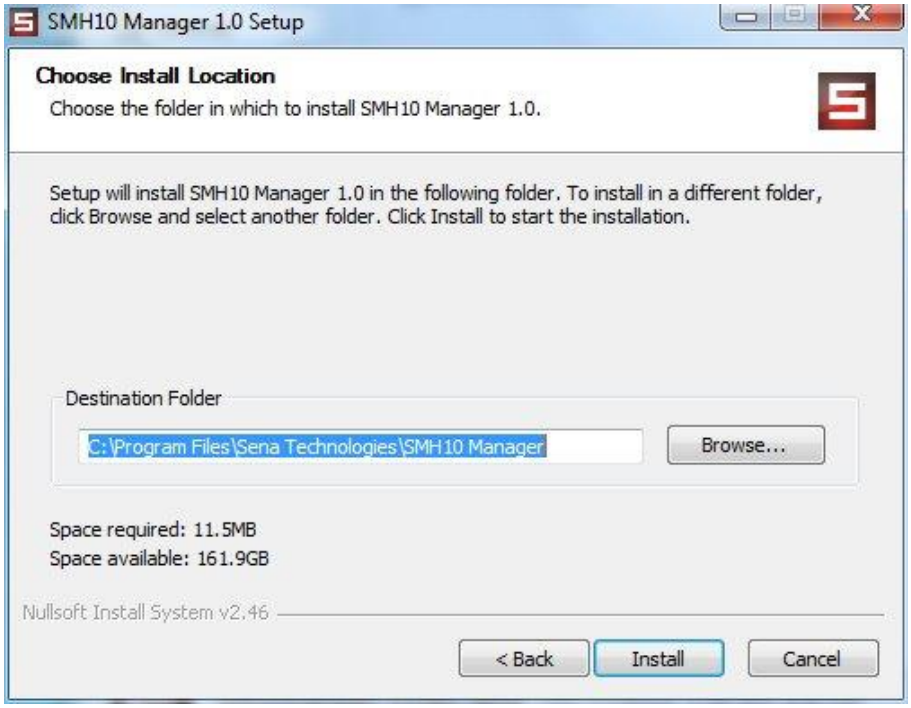
SMH10 Manager 1.0 Setup
Choose Install Location
Choose the folder in which to install SMH10 Manager 1.0.
Setup will install SMH10 Manager 1.0 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\Sena Technologies\SMH10 Manager
Browse...
Space required: 11.5MB
Space available: 161.9GB
Nullsoft Install System v2.46
< Back
Install
Cancel

Figure 1-6 Choose the destination location of program

Step 4. Click “Install” button after choosing destination location of the program and then installation will be started.

SMH10 Manager 1.0 Setup
Installing
Please wait while SMH10 Manager 1.0 is being installed.
Execute: C:\Program Files\Sena Technologies\SMH10 Manager\UsbCheck1.exe
Please connect SMH10 Headset to install driver.
(SMH10 should be turned on after connecting to your computer.)
If you want to install SMH10 Manager without install driver, Click Cancel.
Cancel
Extract: Microsoft.VC80.MFC.manifest... 100%
Execute: C:\Program Files\Sena Technologies\SMH10 Manager\UsbCheck1.exe
Nullsoft Install System v2.46
< Back
Next >
Cancel

Figure 1-7 Program Installation

Step 5. A message window will pop up to guide you to connect the SMH10 to the computer. Please hook up the SMH10 with your computer by using USB cable and then turn it on by selecting “Phone button” and “Jog Dial” together.

Note:

Please do not select “Cancel” button if it is the first time installation on your computer.

Step 6. A message box will disappear after 10 seconds, and it means the SMH10 is found successfully in the installation.

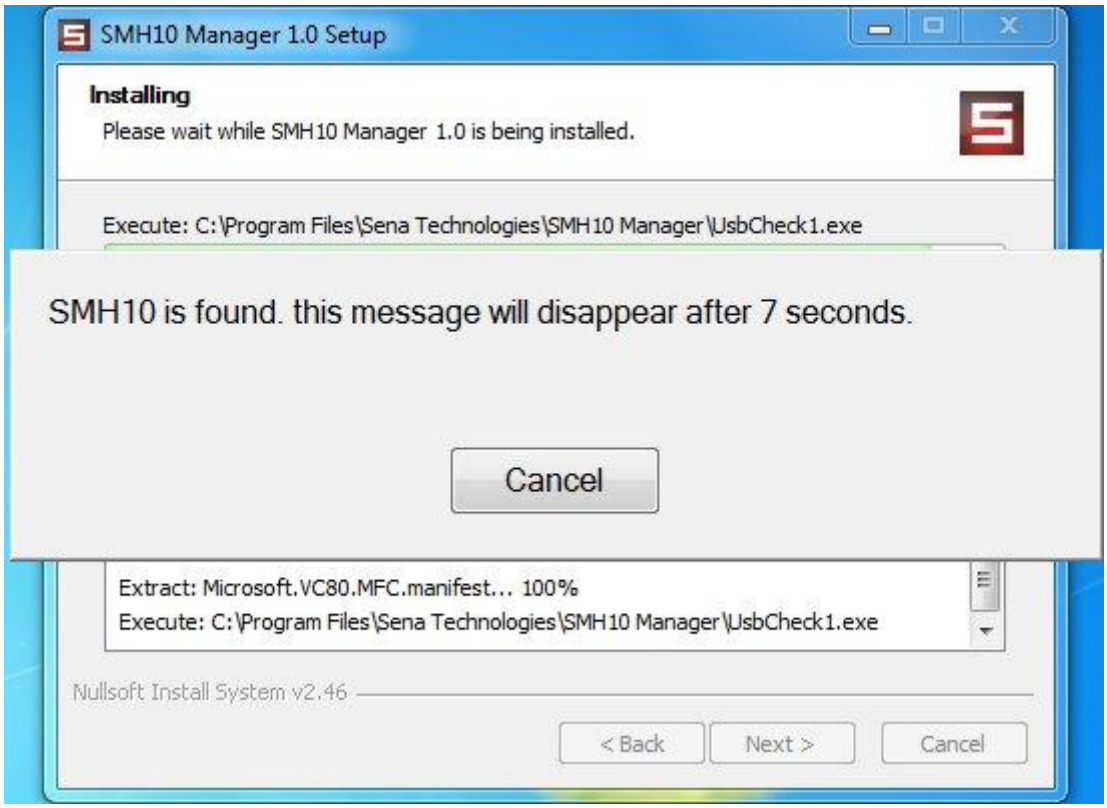
SMH10 Manager 1.0 Setup
Installing
Please wait while SMH10 Manager 1.0 is being installed.
Execute: C:\Program Files\Sena Technologies\SMH10 Manager\UsbCheck1.exe
SMH10 is found. this message will disappear after 7 seconds.
Cancel
Extract: Microsoft.VC80.MFC.manifest... 100%
Execute: C:\Program Files\Sena Technologies\SMH10 Manager\UsbCheck1.exe
Nullsoft Install System v2.46
< Back
Next >
Cancel

Figure 1-8 SHM10 is found

Step 7. Device Driver Installation Wizard will be started, then. Select “Next” button to proceed to the installation process of device driver.

Device Driver Installation Wizard
Welcome to the Device Driver Installation Wizard!
This wizard helps you install the software drivers that some computers devices need in order to work.
To continue, click Next.
< Back
Next >
Cancel

Figure 1-9 Device Driver Installation Wizard is started

Step 8. It may take up to 10 minutes to lead you the next step. Please wait until you can see the next message window.

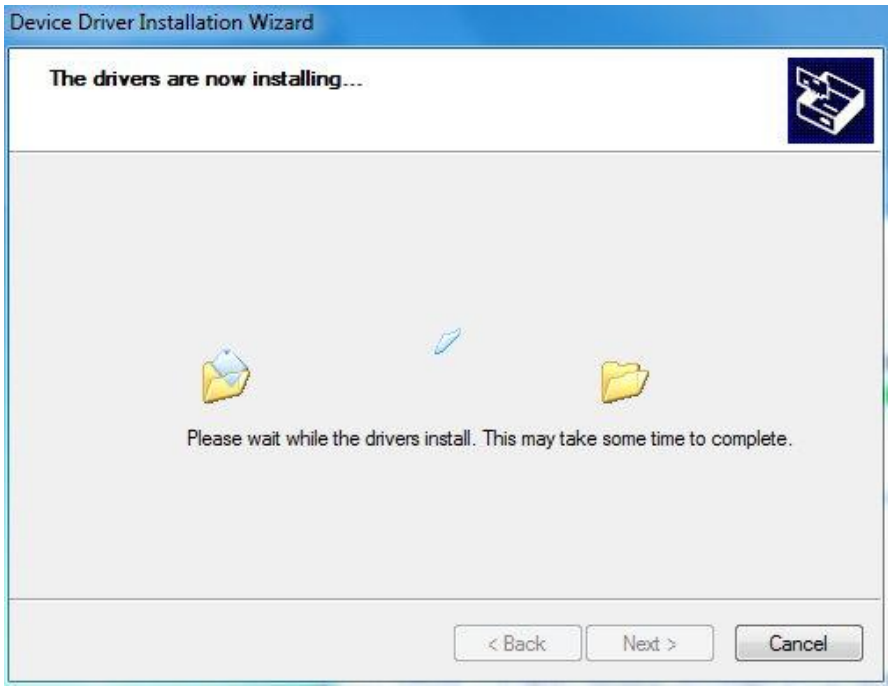
Device Driver Installation Wizard
The drivers are now installing...
Please wait while the drivers install. This may take some time to complete.
< Back
Next >
Cancel

Figure 1-10 Device Driver is in installation

Step 9. Select “Finish” button to complete the installation to go to the final stage of the installation.

Figure 1-11 Completing the Device Driver Installation

Step 10. Final Installation message will be popped up. Select “Finish” button, and then SMH10 Manager will be started automatically.

SMH10 Manager 1.0 Setup
Completing the SMH10 Manager 1.0 Setup Wizard
SMH10 Manager 1.0 has been installed on your computer.
Click Finish to close this wizard.
Run SMH10 Manager 1.0
< Back
Finish
Cancel

Figure 1-6 Completing Setup Wizard

Please see the section 3 to learn how to use SMH10 manager.

Troubleshooting for failure in Device Driver Installation

If you see the error message on device driver installation failure, please follow the steps below to do troubleshooting.

Device Driver Installation Wizard
Cannot Complete the Device Driver Installation Wizard
Errors were encountered while installing the software for your devices. See the Status column for more details.
Sometimes it helps to run this wizard again. If that doesn't work, contact your device vendor.
Driver Name
Status
Cambridge Silicon Radio...
Install failed
< Back
Finish
Cancel

Figure 1-7 Cannot complete the Device Driver Installation

1. Select “Finish” button and close SMH10 manager setup windows.
2. Uncheck the “Run SMH10 Manager 1.0” checkbox in the next pop-up window and then select “Finish” button.

SMH10 Manager 1.0 Setup
Completing the SMH10 Manager 1.0 Setup Wizard
SMH10 Manager 1.0 has been installed on your computer.
Click Finish to close this wizard.
Run SMH10 Manager 1.0
< Back
Finish
Cancel

Figure 1-8 Completing Setup Wizard

3. Restart your computer system.

Note:

Please make sure that SMH10 remains connected to your computer with keeping power-on status.

4. After your computer is restarted, please go to the menu, of SMH10 Manager program, by moving to *Start Menu -> All Programs -> Sena Technologies -> SMH10 Manager*.

5. Select “Install Driver” in the SMH10 menu.

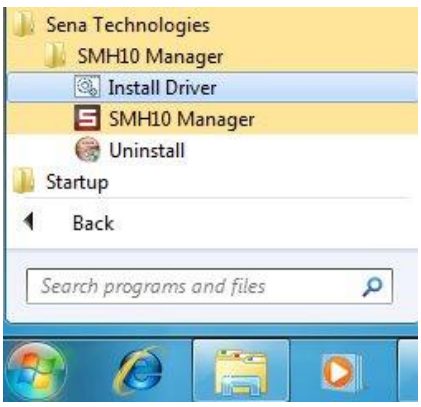

Figure 1-9 Run Install Driver manually

6. Device Driver Installation Wizard will be started again. Please repeat the steps from **Step 6** to Step 10 to complete the installation.

2. Getting Started

2.1. Starting SMH10 Manager

Step 1. When you start SMH10 Manager, message box will be popped up as follows,

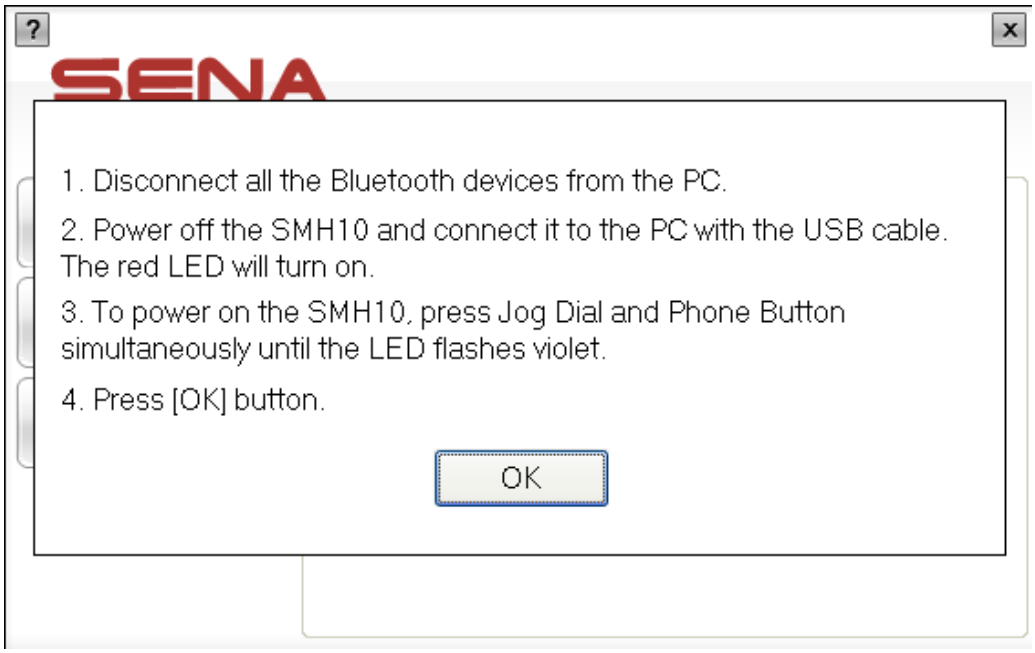
SENA
1. Disconnect all the Bluetooth devices from the PC.
2. Power off the SMH10 and connect it to the PC with the USB cable. The red LED will turn on.
3. To power on the SMH10, press Jog Dial and Phone Button simultaneously until the LED flashes violet.
4. Press [OK] button.
OK

Figure 2-1 Start-up Instruction

Step 2. Please follow the steps on the message box and then click “OK” button.

Note: [Windows XP]
The further driver installation is required and it will be running automatically. Please look into the Windows task bar until the installation is completed. And, then select “OK” button if the process is completed.

Step 3. Then SMH10 Manger will display the firmware version of your SMH10 automatically. You may find the message, “SMH10 is connected with computer” if the program is successfully connected to the SMH10.

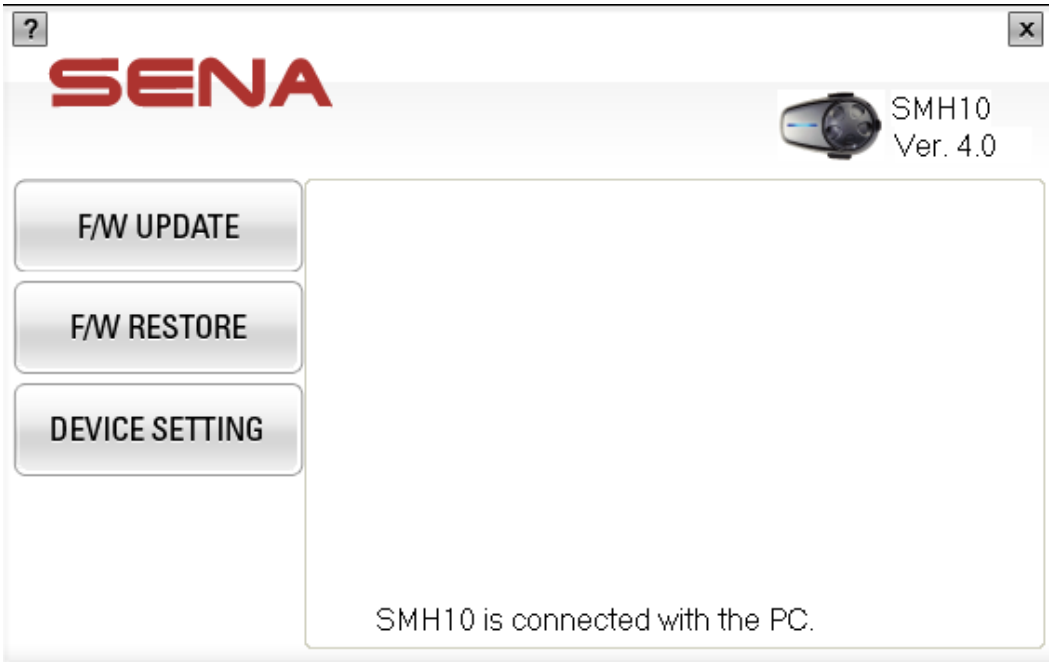

Figure 2-2 SMH10 is connected

If you fail to connect the SMH10, please close *SMH10 Manager* and restart it again.

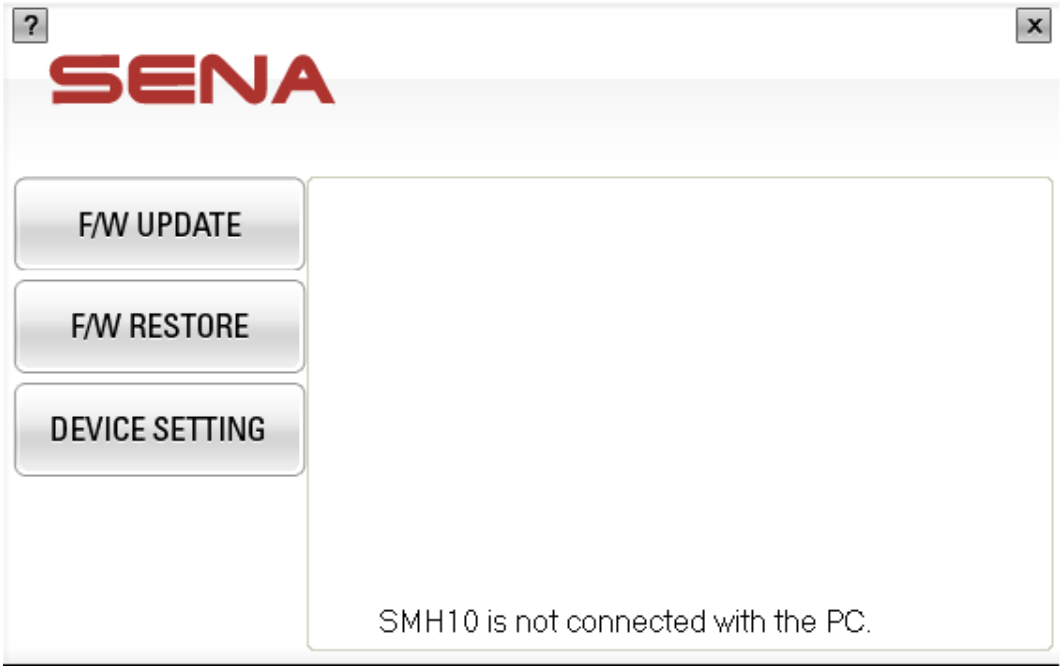

Figure 2-3 SMH10 is not connected

2.2. Updating Firmware

Step 1. To update firmware of your SMH10, select “F/W Update” Button.

SMH10 Manager will automatically check the newest firmware on the management server. Please be sure to connect your computer to the Internet. If there is a newer version firmware on the server following message will be displayed.

Figure 2-4 New firmware is available

Step 2. Select “Yes” button and then select firmware download location on your computer.

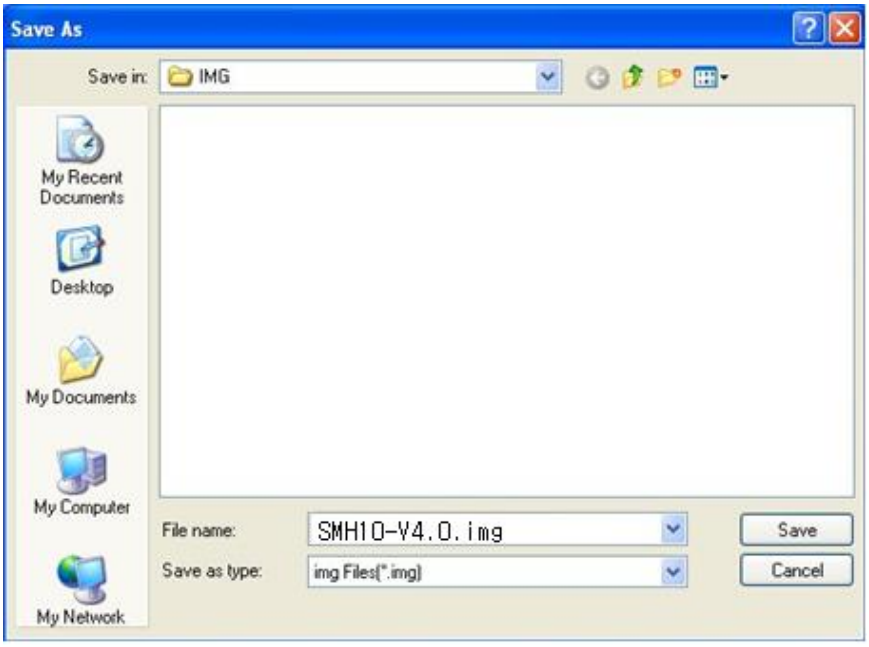

Figure 2-5 Save New firmware

Step 3. After selecting download location and then select “Save” button.

Then new firmware will be downloaded from server and progress bar will be displayed as follows.

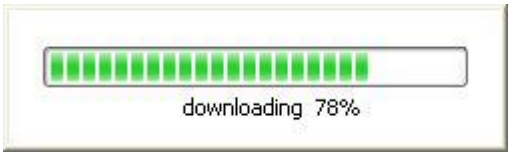

Figure 2-6 Firmware Downloading progress bar

Step 4. If new firmware download is completed, “Update” button will be displayed as follows. Select “Update” button to proceed to the next stage of firmware update.

Figure 2-7 Select Update button

Step 5. A yellow-colored message box will be popped up. Please press the “Phone” button of SMH10 and hold it awhile until the message disappears.

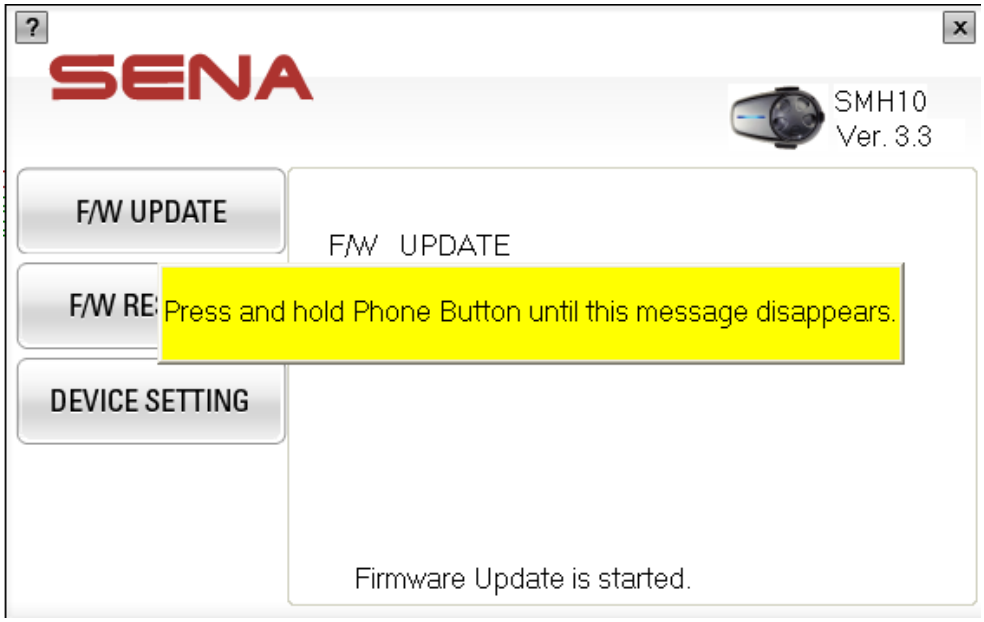

Figure 2-8 Press Phone button message

Step 6. Firmware is to be updated into the SMH10. During the process, please look into the message display of the program in order to check the progress. SMH10 Manager will write the new one to the device.

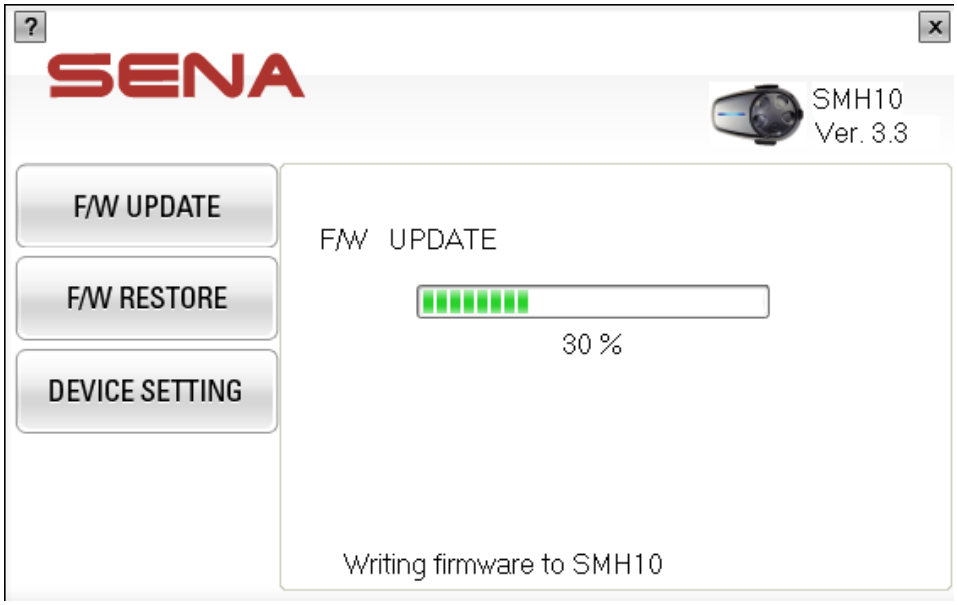

Figure 2-9 Firmware Writing process

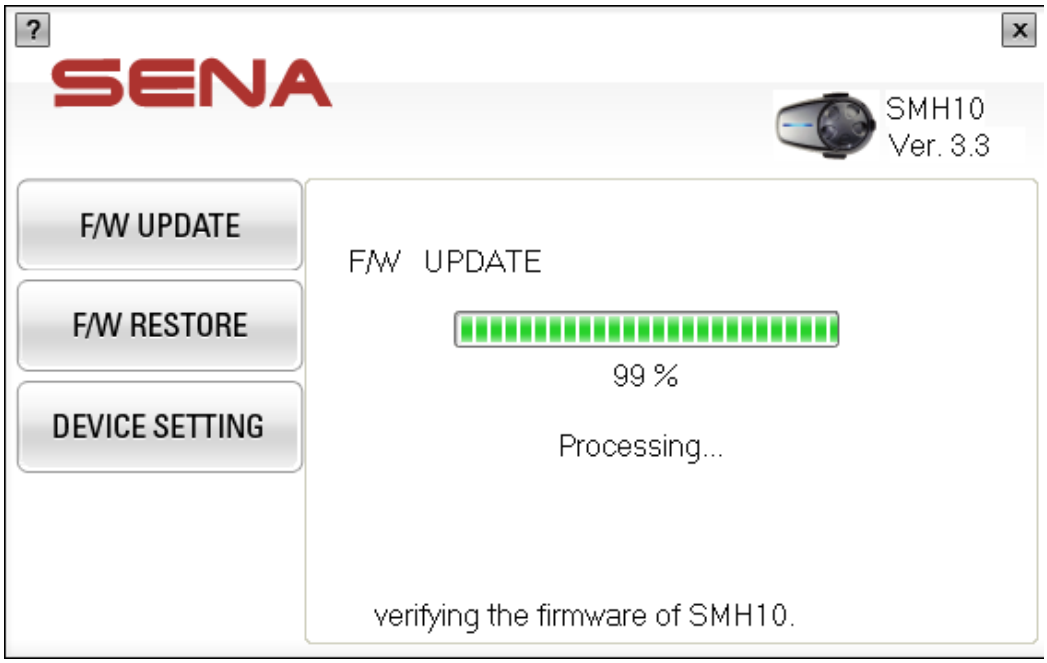

Figure 2-10 Firmware Verifying process

Note:

When the verifying progress is completed, the process may look halted about 10 seconds. This is normal operation for checking firmware on the SHM10.

Step 7. A yellow-colored message box will be popped up again. Please press “Phone button” and “Jog Dial” together until the message disappears.

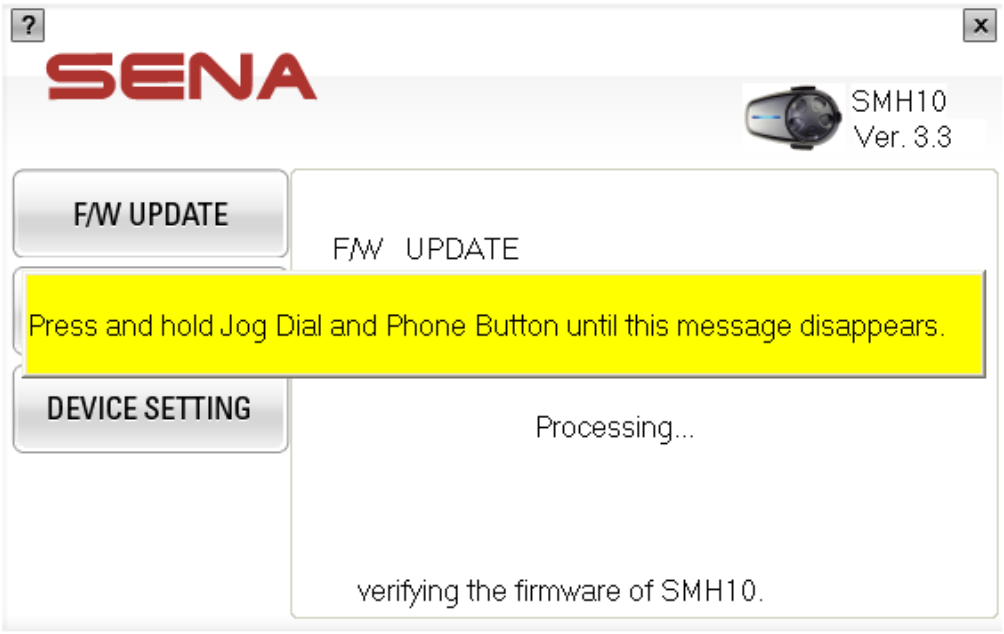

Figure 2-11 Press Phone button and Jog Dial message

Step 8. Firmware Update is completed and the current firmware version will be displayed on the program window.

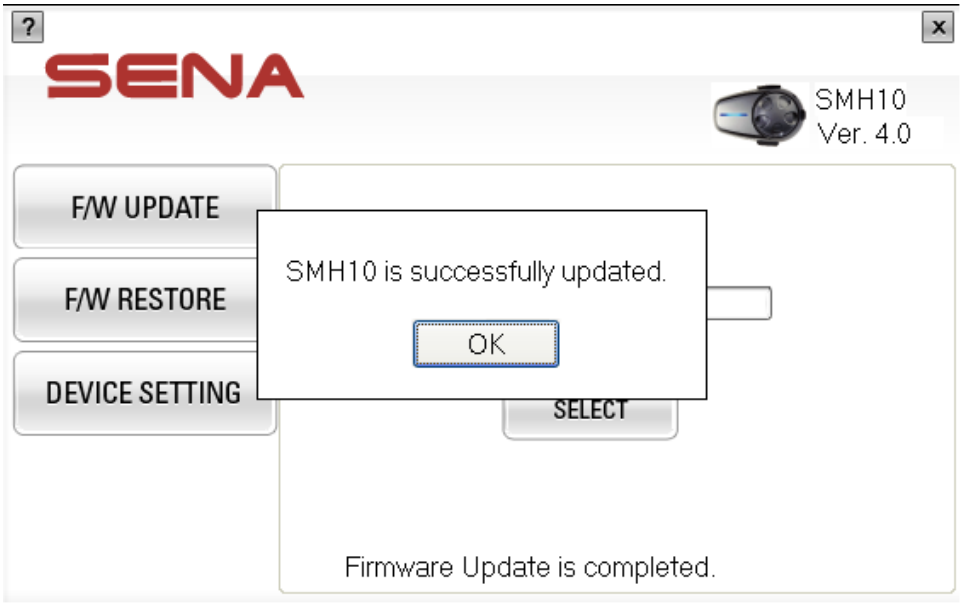

Figure 2-12 Update is completed

2.3. Restore Firmware

Step 1. To restore the SMH10 firmware to the original, select “F/W RESTORE” button. A message will show you the information of the firmware which is stored as a back-up.

Note:

Firmware restore function is available only in the computer where SMH10 had been updated. You need to use the same computer o firmware update when you restore it. Also you must be able to connect to the internet in order to restore firmware.

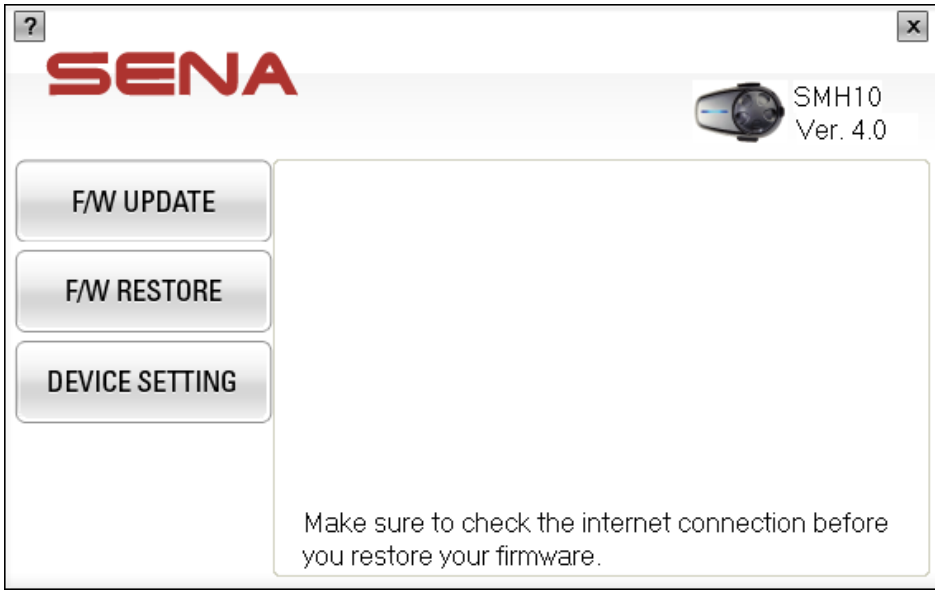

Figure 2-13 Make sure to check the internet connection

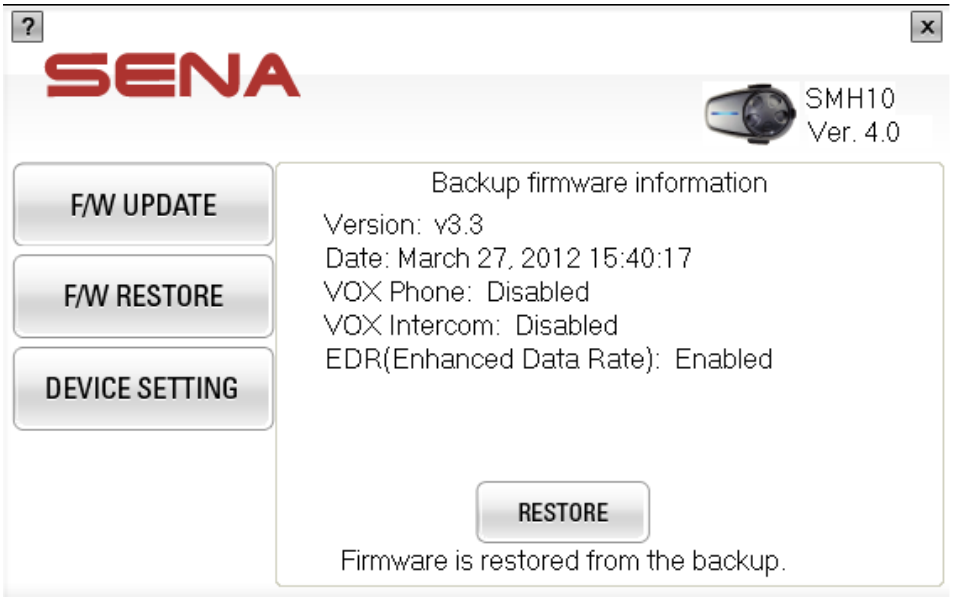

Figure 2-14 Firmware Back up Information

Step 2. Select “RESTORE” button to proceed and then yellow-colored message will pop up. Press “Phone” button of SMH10 until the message disappears. Then, firmware restore process will be started.

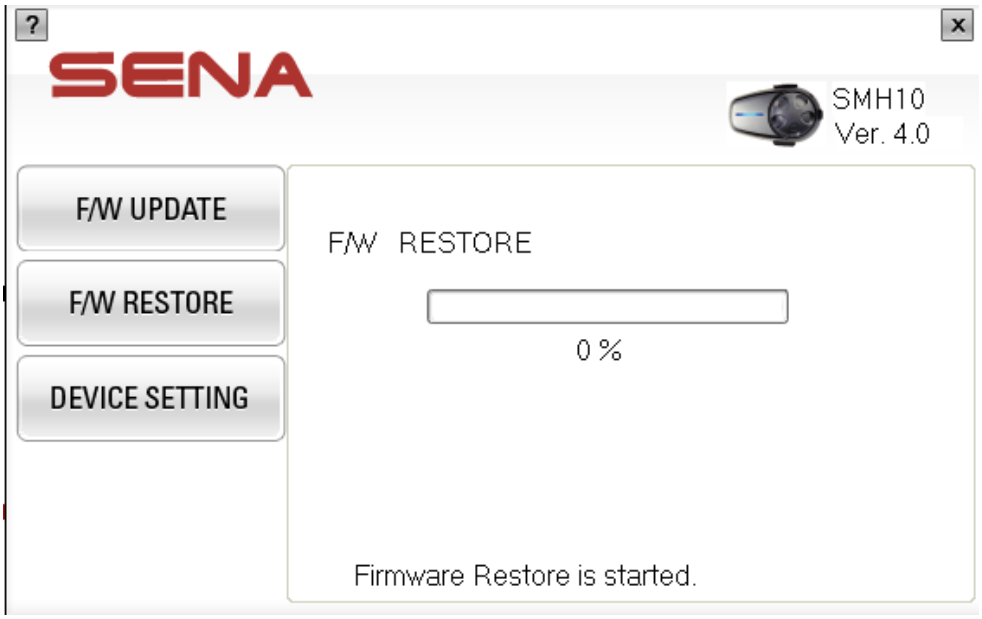

Figure 2-15 Restoring firmware Started

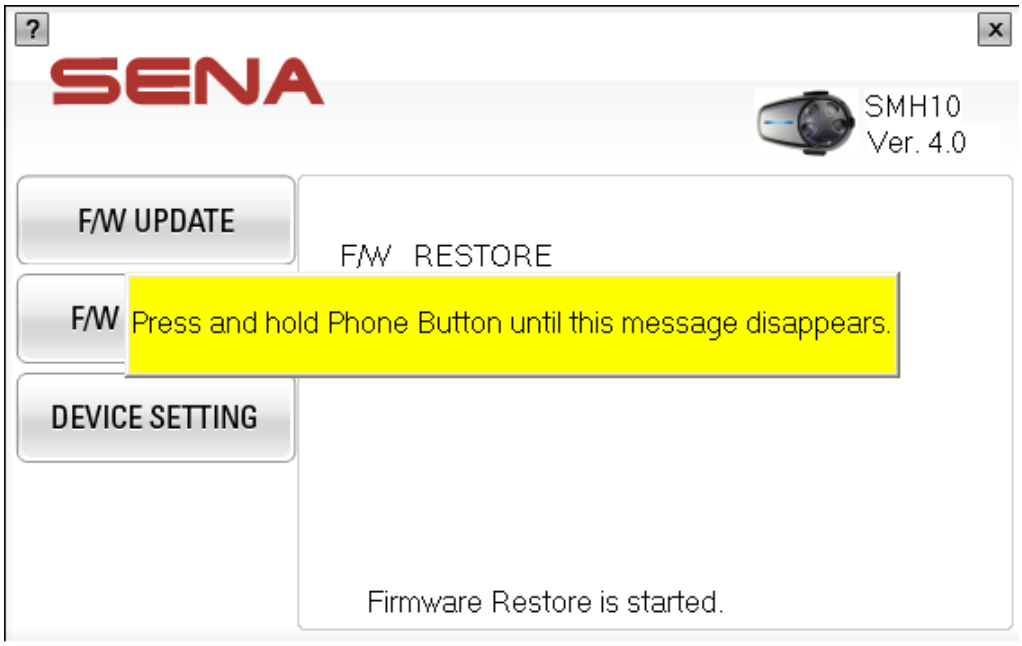

Figure 2-16 Press Phone button message

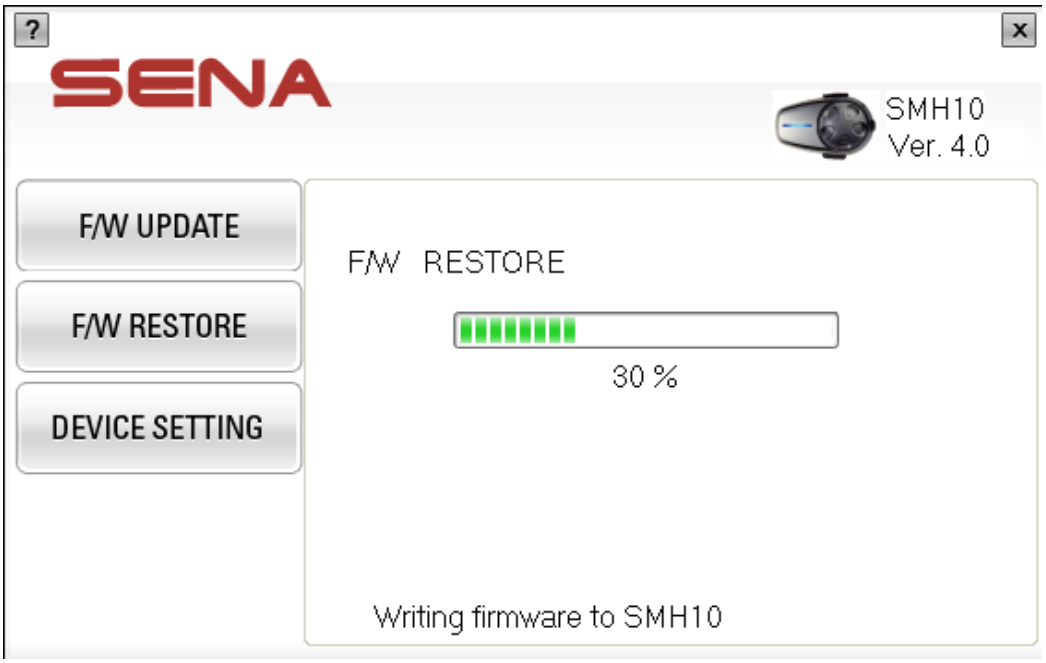

Figure 2-17 Firmware Restoring progress bar

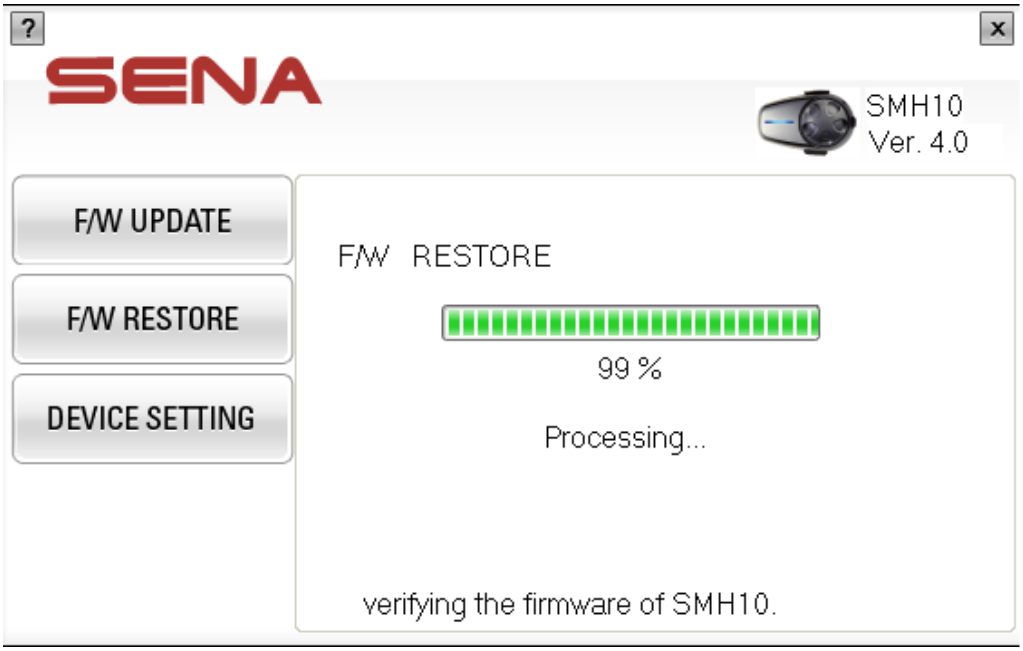

Figure 2-18 Firmware Verifying process

Note:

When the verifying progress is completed, the process may look halted about 10 seconds. This is normal operation for checking firmware on the SHM10.

Step 3. After the process is completed, a message box will pop up again. Press “Phone button” and “Jog Dial” together until the message disappears.

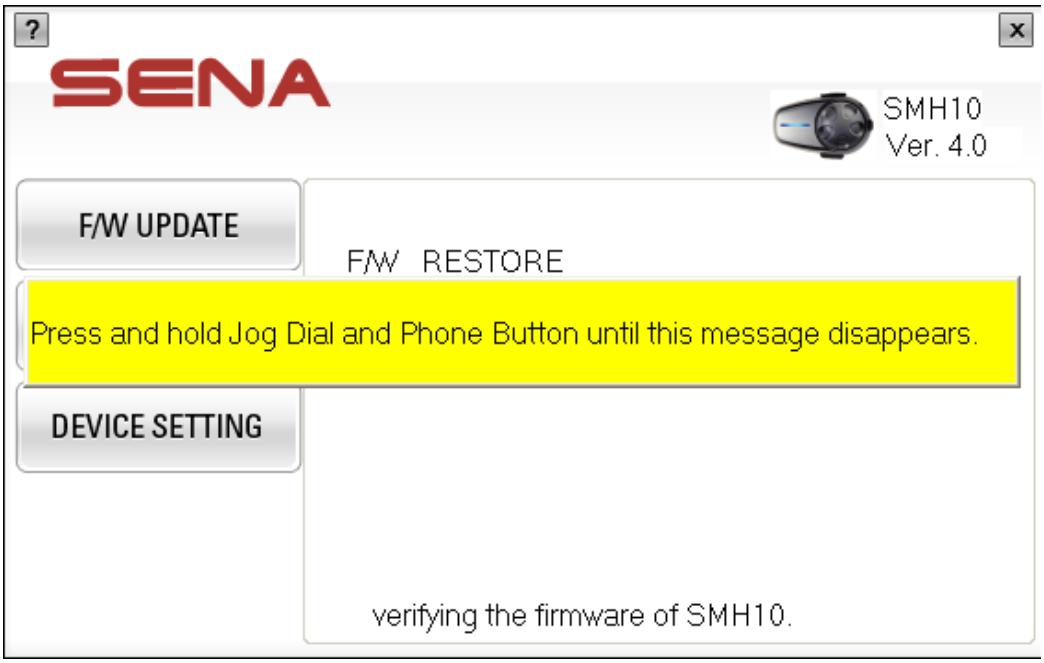

Figure 2-19 Press Phone button and Jog Dial message

Step 5. Then firmware restore is completed and the current firmware version will be displayed on the program window.

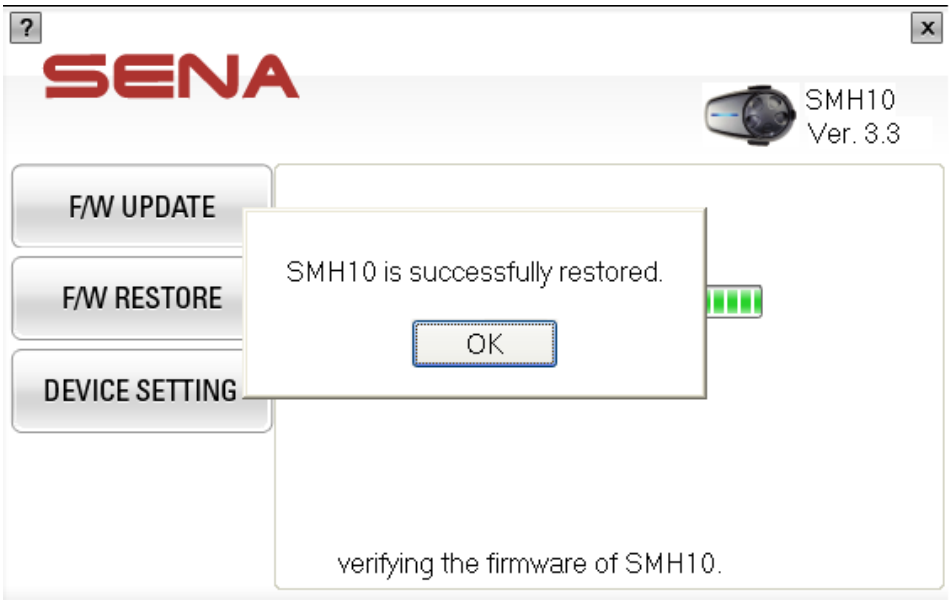

Figure 2-20 Firmware Restore is completed

2.4. Update Firmware from specific file

Step 1. To update the firmware of your SMH10 using the firmware stored on your computer, select “F/W UPDATE” Button.

Figure 2-21 Update firmware

Step 2. Select “SELECT” button to open selection window, and then choose a firmware to be updated for your SMH10.

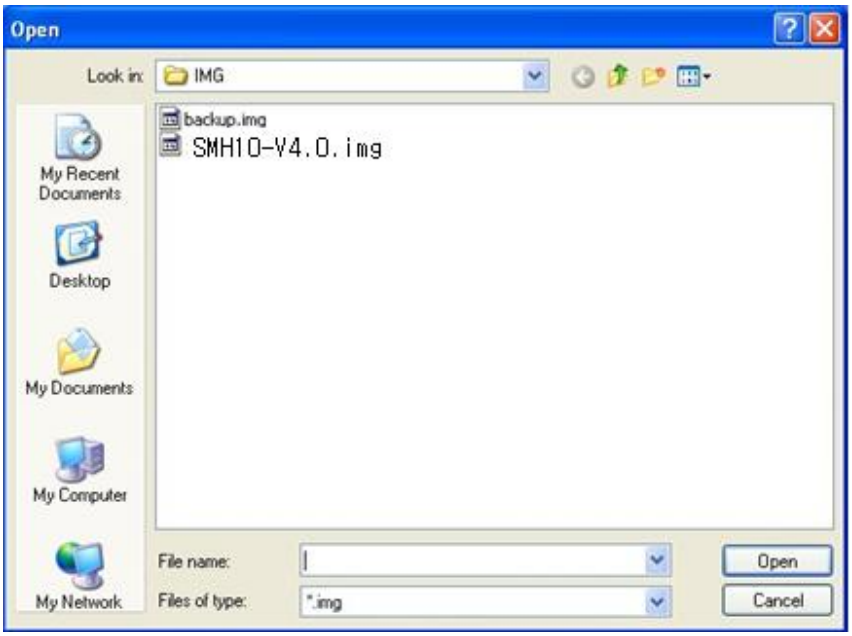

Figure 2-22 Open firmware

Step 3. Select “UPDATE” button to proceed.

Figure 2-23 Select update button

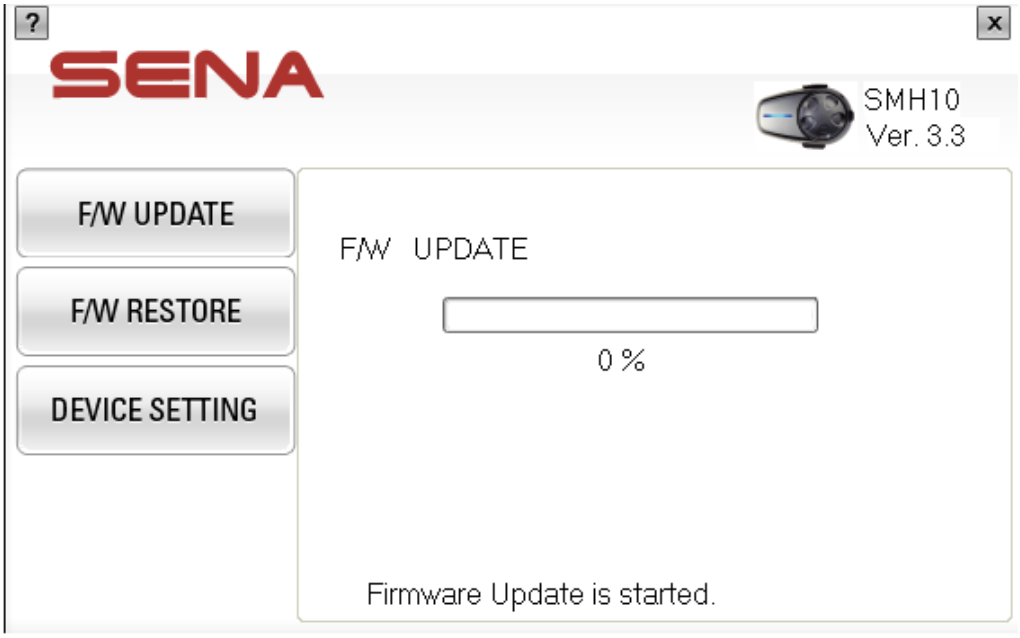

Figure 2-24 Progress bar in Firmware Update

Step 4. A yellow-colored message box will be popped up. Please press the “Phone” button of SMH10 and hold it awhile until the message disappears, and then the process will be continued.

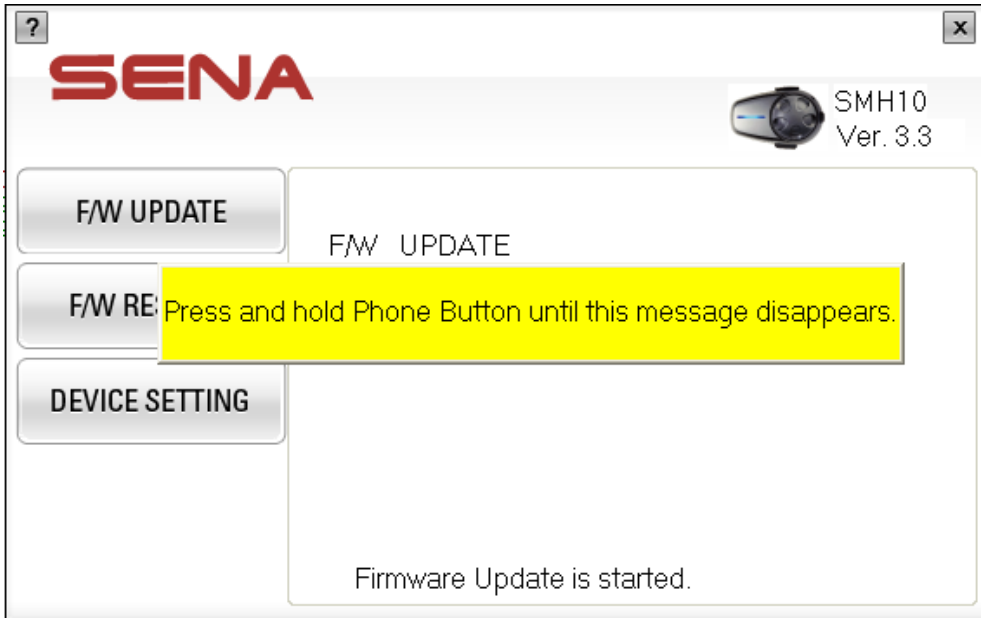

Figure 2-25 Press Phone button message

Step 5. Press “Phone button” and “Jog Dial” together until the message disappears.

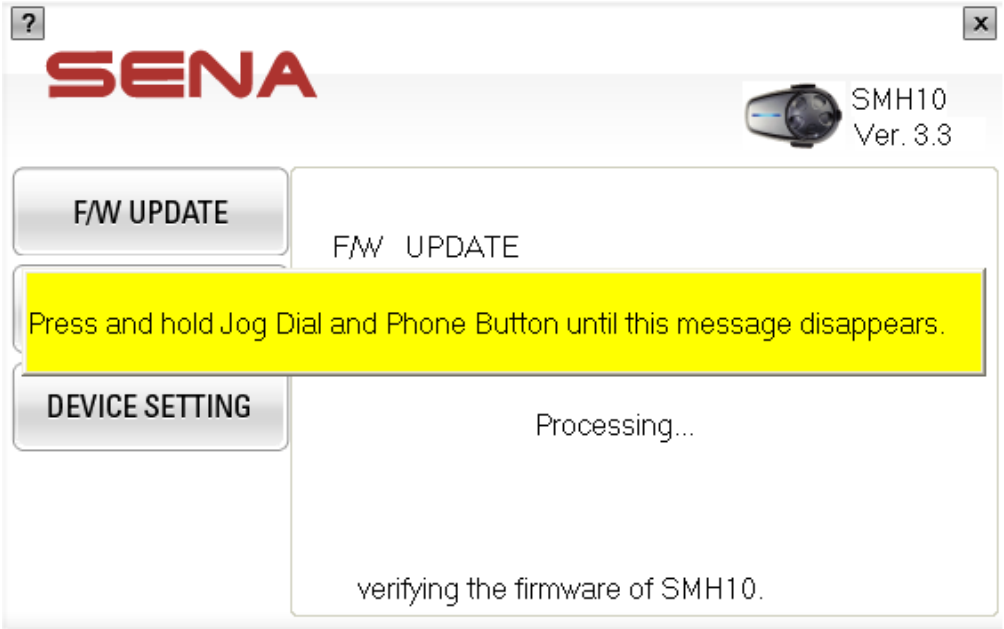

Figure 2-26 Press Phone button and Jog Dial message

Step 6. Firmware update is completed and the current firmware version will be displayed on the program window.

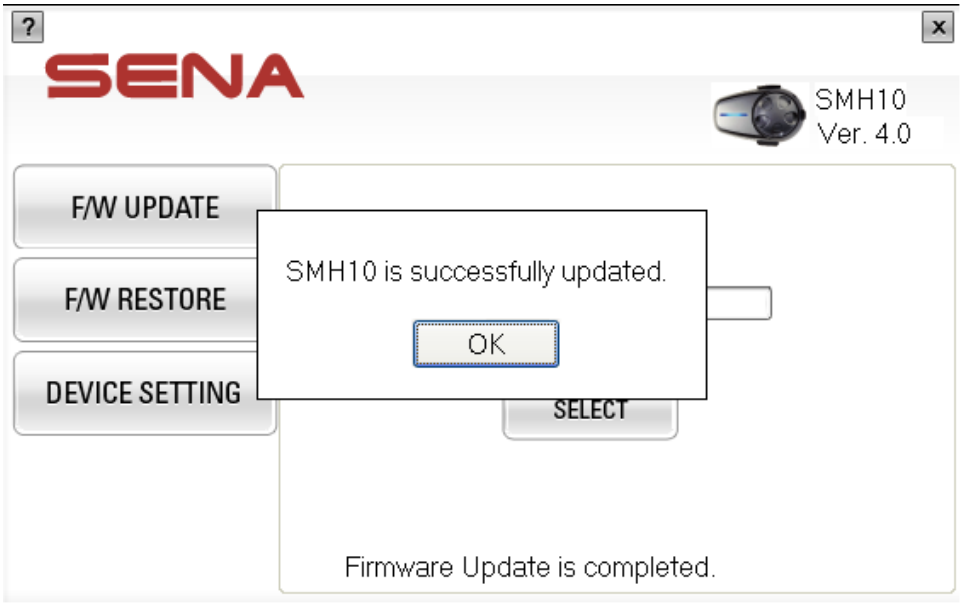

Figure 2-27 Updating is completed

2.5. Device Settings

You can set up some parameters of your SMH10 by using “DEVICE SETTINGS” menu.

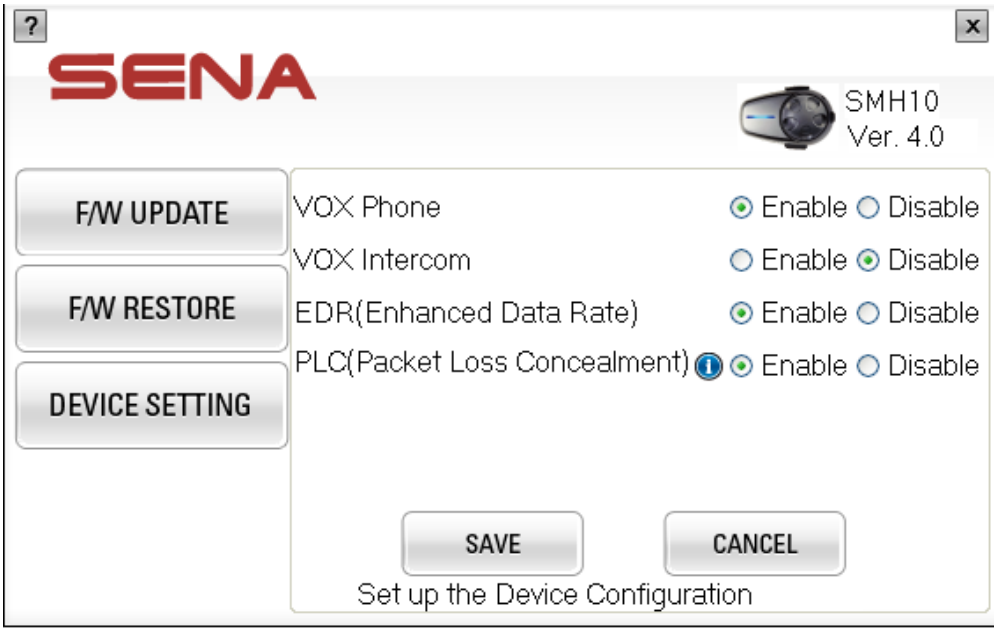

Figure 2-28 Device settings

Please note that changing device settings is supported from firmware version 3.1. Please update your firmware first to set up the parameters.

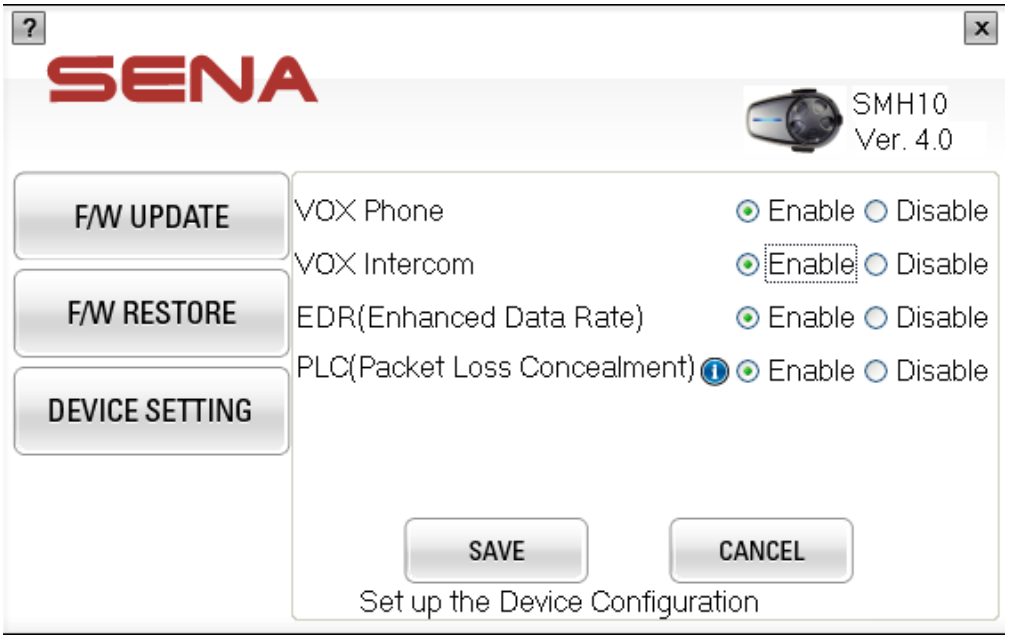

Figure 2-29 changing device settings

After changing settings, select “SAVE” button to save the changes to SMH10.

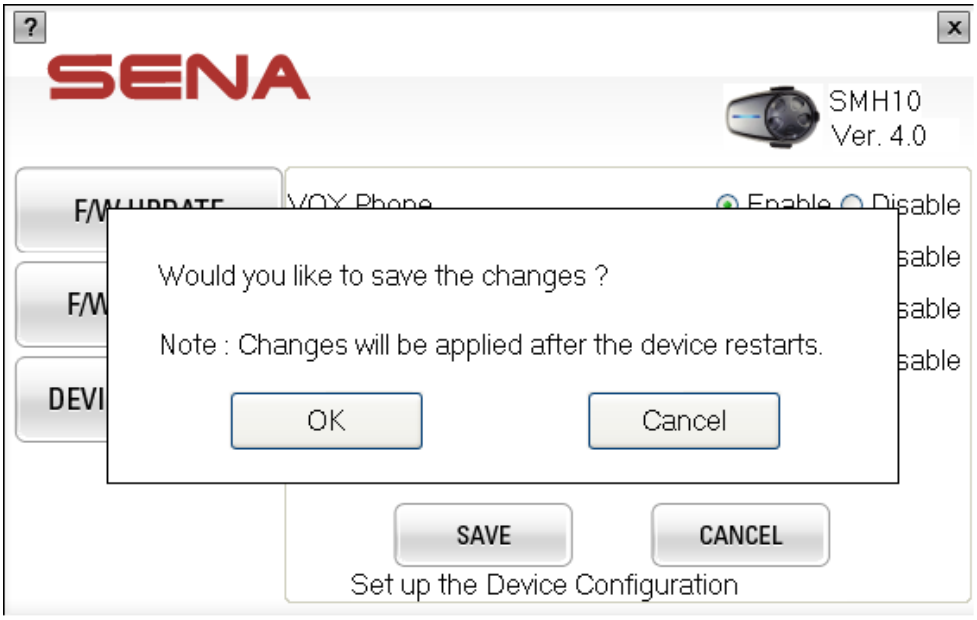

Figure 2-30 Confirm save chnages

Note:

Change of device settings is effective only after SMH10 is restarted.

2.6. Checking version of SMH10 Manager

In order to check the software version of *SMH10 Manager*, click **[?]** button on the upper-left corner of the *SMH10 Manager* program.

Figure 2-31 Check the version of SMH10 Manager